

Amendments/Listing of the Claims

1. (currently amended) A Method method of discovery, by a terminal connected to an Internet Protocol (IP) type network, of Digital Video Broadcast (DVB) services on the IP type network, wherein it comprises at least the following steps :

- the terminal uses a first IP transmission address and a first port number to receive a transport stream transmitted to ~~this~~ said first IP address on ~~this~~ said first port ;
- the terminal extracts from the said stream at least the ~~networks information table~~ Networks Information Table (NIT) ;
- the descriptors of networks contained in the said ~~networks information table~~ Networks Information Table (NIT) designating second IP transmission addresses and ~~the~~ second associated ports, the terminal connects to at least part of the transport streams transmitted to the said second IP transmission addresses on the said second associated ports so as to read the associated ~~service description table~~ Service Description Table (SDT) ;
- the terminal uses ~~this~~ information comprised in the Networks Information Table and in the Service Description Table to construct a possibly unitary list of the services available on the network.

2. (currently amended) The Method method according to Claim 1 where the first IP transmission address and the first port number are entered by the user.

3. (currently amended) The Method method according to Claim 1 where the first IP address and the first port number are obtained from the network by the terminal.

4. (currently amended) The Method method according to Claim 1 where the streams contain only a single DVB service.

5. (currently amended) The Method method according to Claim 1 where the list of services is included in the NIT contained in the stream available at the first IP transmission address on the first port.

6. (currently amended) ~~A Device~~ device possessing means to connect to an Internet Protocol (IP) transmission address via means of connection to an IP network and ~~means of decoding a decoder~~ of Digital Video Broadcast (DVB) transport streams transmitted to this IP transmission address, wherein ~~the means of decoding said decoder~~ of DVB transport streams ~~have~~ has the capacity to analyse ~~an networks information table~~ a Networks Information Table (NIT), extracted from ~~the~~ a transport stream, containing network descriptors suitable for the IP network and to connect to each IP transmission address described in the said NIT so as to read therefrom a DVB transport stream and extract therefrom the information on the services offered on the network.

7. (currently amended) Computer readable code ~~Descriptor comprising data embodied on a computer readable medium, said data comprising:~~

a first segment of code representing data of a descriptor of a service for transmitting a Digital Video Broadcast (DVB) stream intended to be included in a network information table (NIT); wherein it

a second segment of code representing an the Internet Protocol (IP) transmission address of a stream server and a port number on which said server transmits a DVB stream over an IP type-network.